Commencement

Memphis State University

University Mace

A symbol of leadership and authority in academic circles, the University Mace is a visual embodiment of tradition.

Presented in 1987 to commemorate Memphis State's 75th anniversary, the mace is displayed only at formal events attended by faculty in full academic regalia.

The silver disks on its six-sided bronze head trace the history of MSU from its beginnings as a two-year teacher training school to its present status as a comprehensive university.

The University Mace was designed by Jim Cloud, Art Services director, and sculpted by Harris Sorrelle, then a faculty member in the Memphis State Art Department.

Presidential Medallion

Symbolic of the authority vested in the Office of the President, Memphis State's Presidential Medallion and chain are worn only by the President during official University functions. The medallion signifies position, authority and trust and was presented to the University by a group of distinguished alumni and friends.

In keeping with academic tradition, the Presidential Medallion combines symbols of Memphis State with a chain honoring past presidents of the University.

The medallion was designed by Tom Collins, former Art Services director, and created by Endicott Custom Jewelers of Memphis.

ON THE COVER: The Memphis State University seal, designed by Jim Cloud in collaboration with President Thomas G. Carpenter, was adopted by the University in 1989. The seal incorporates the University Mace and the 1912 founding date of Memphis State. *Photos by MSU Photo Services*

SUMMER CONVOCATION

OF THE

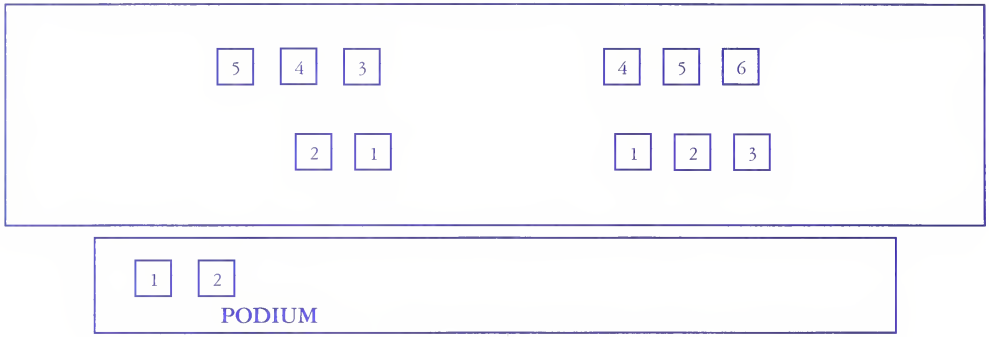
SEVENTY-NINTH COMMENCEMENT

3:00 P.M.

August 11, 1991

Mid-South Coliseum

PRESIDENT'S PARTY



UPPER STAGE

Left Side

1. **Dr. Victor E. Feisal,** Vice President for Academic Affairs
2. **Dr. R. Eugene Smith,** Vice President for Business and Finance
3. **Dr. Donald R. Franceschetti,** Interim Associate Vice President for Research
4. **Mr. Charles Britt,** Soloist
5. **Dr. John W. Smith,** Chair, Academic Senate

Right Side

1. **Dr. V. Lane Rawlins,** President
2. **Dr. James C. Hunt,** Speaker
3. **Dr. Van N. Oliphant,** Vice President for Planning & Public Service
4. **Dr. Lester J. Pourciau,** Director of Libraries
5. **Lieutenant Colonel Darrell L. Logan,** Professor, Aerospace Science
6. **Lieutenant Colonel Michael S. Chambers,** Professor, Military Science

LOWER STAGE

1. **Dr. William G. Crump,** Pronouncer
2. **Dr. John P. Bakke,** Pronouncer

PROGRAM

PRESIDING ..... Dr. Victor E. Feisal
Vice President for Academic Affairs

PRELUDE
Sonata II in C Minor
Grave-Allegro Maestoso-Fuga ..... *Felix Medelssohan*
Ms. Mary Ragna Yetter, Organist

PROCESSIONAL
Pomp and Circumstance ..... *Edward Elgar*

PRESENTATION OF COLORS ..... The Color Guard
The Joint Services Honor Guard

THE NATIONAL ANTHEM ..... *Francis Scott Key*
Mr. Charles Britt, Soloist

THE PRESIDENT'S WELCOME ..... Dr. V. Lane Rawlins
President of the University

ADDRESS ..... Dr. James C. Hunt
Chancellor, University of Tennessee Center for Health Sciences

PRESENTATION OF THE CANDIDATES ..... Dr. Feisal
and
CONFERRAL OF DEGREES IN COURSE ..... President Rawlins

PRONOUNCERS ..... Dr. John P. Bakke
Dr. William G. Crump

The Baccalaureate Degree
The Master and Specialist Degrees
The Juris Doctor Degree
The Doctoral Degree

THE ALMA MATER ..... *J. W. Brister*
Mr. Britt

RECESSIONAL
Grand Choeur ..... *T. Salomé*

Guests are requested to not come to the floor area during the ceremony; and, after the Alma Mater to remain in place through the recessional.

THE TENNESSEE BOARD OF REGENTS

THE HONORABLE NED R. McWHERTER, Governor of Tennessee, Chairman, *ex officio*
THE HONORABLE CHARLES E. SMITH, Commissioner of Education, *ex officio*
THE HONORABLE L. H. IVY, Commissioner of Agriculture, *ex officio*
THE HONORABLE ARLISS L. ROADEN, Executive Director, Tennessee Higher Education Commission, *ex officio*
THE HONORABLE RICHARD A. LEWIS, *Vice Chairman, Nashville*
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THE HONORABLE WILLIAM O. BEACH, *Clarksville*
THE HONORABLE NATHAN A. BURTON, *Student Regent*

THE HONORABLE OTIS L. FLOYD, *Chancellor*

HISTORICAL HERITAGE

From the opening of its doors in 1912 as a normal school for training teachers to its present status as one of Tennessee's two comprehensive universities, Memphis State has been thrust forward by the growth of Memphis and the Mid-South. A town oriented to a rural economy and culture in 1900 grew into a large urban and commercial center by mid-century, and the city's public institution of higher learning experienced comparable growth.

The normal school grew from a few hundred students (1912-1925), to a teachers' college with a better staff and an enrollment of up to a thousand (1925-1941), then to a state college with an expanded curriculum in liberal arts, business and graduate education for three to four thousand students (1941-1957), until the institution achieved university status in 1957.

It was not an easy struggle. As the city of Memphis grew and prospered, the demand for a completely developed public university grew. Finally, legislators and board members agreed about Memphis State's role and approved the change urged so forcefully by concerned local citizens, several presidents, alumni and faculty members.

The metropolitan requirements for more highly trained university graduates have, of necessity, caused Memphis State to expand all its offerings in arts and sciences, business, the fine arts, education, engineering and technology, law, and several special professional fields. More than 75 percent of the full-time faculty have earned the highest possible degree in their fields.

As enrollment settles in the 20,000 range, Memphis State is committed to developing programs of the highest quality, for only through such a commitment will it be a standard of quality in higher education for the citizens of the State of Tennessee. Every Memphis State student is expected, upon graduation, to be able to compete effectively with his or her counterparts from any other respected university in the nation.

If this mind
reaches out for all
the learning of the past and all
the great dreams of the future,
feed it that upon which
it will grow . . . .

John Trotwood Moore, 1922

ACADEMIC DRESS

The following information is to help our visitors identify the costumes seen in the commencement procession.

Academic dress originated at universities in the Middle Ages when a warm gown and hood were necessary in unheated buildings. For centuries these gowns distinguished students from their fellow citizens; sometimes this distinction in dress symbolized unfortunate controversies between "town and gown". The European habit of using academic robes came to this country in the eighteenth century with the founding of what is now Columbia University. In 1895 American universities and colleges standardized their styles of academic costumes, and this system, with occasional modifications, is still in force. Today the various colors, trimmings, and patterns of gown, hood, and cap are all traditional and symbolize both the degree and field of learning.

GOWNS: American academic gowns are usually of black material, and their pattern varies with the degree held. The bachelor gowns are relatively simple in design with a closed front and long, pointed, open sleeves. Master's gowns have an open front with long, closed sleeves, the arms extending through a slit at the elbow, giving the appearance of short sleeves. Doctoral gowns are the most elaborate with velvet panels down the open front and three velvet bars on the bell-shaped sleeves.

HOODS: The hoods, differing in length for the three degrees (bachelor's, master's, and doctor's), are lined with the colors of the institution that granted the degree. Hoods are also trimmed with the color that heralds the major field of learning.

CAPS: A square mortarboard is the approved headgear. The tassel, fastened to the middle point of the top of the cap, is black or the color appropriate to the subject; it may be gold if the holder has a doctor's degree. Memphis State University has adopted the practice of having candidates for the bachelor degree to wear the tassels on the right front side before degrees are conferred and to shift them to the left at the moment when the degrees are awarded to them.

In the last few years many universities have decided to return to a distinctive gown design. For instance, Columbia's is now slate gray, Rochester's a dandelion yellow, Northwestern's is purple. The doctoral gown, with facing of black velvet, now has sleeve bands in the color of the wearer's discipline. Some have replaced the mortarboard with a soft velvet tam with a gold tassel.

Following is a list of the hood and tassel colors that represent several categories of learning.

Arts, Letters, Humanities	White	Home Economics	Maroon
Audiology & Speech Pathology	Dark Blue	Journalism	Crimson
City & Regional Planning	Scarlet Red	Law	Purple
Commerce, Accountancy, Business	Sapphire Blue	Music	Pink
Communication Arts	Silver Gray	Nursing	Apricot
Economics	Copper	Physical Education	Sage Green
Education	Light Blue	Public Administration	Peacock Blue
Engineering	Orange	Science	Golden Yellow
Fine Arts	Brown	Social Work	Citron

All hoods are *edged* with the above colors. These same colors may be used for the facing and sleeve bars of doctoral gowns and tassels on bachelors' and masters' caps.

The *lining* of the hood indicates the university granting the degree—for Memphis State University, blue and gray. Among other institutional colors represented at this commencement are those for Arkansas, red and white; Chicago, maroon; Columbia, light blue and white chevron; Duke, royal blue with white chevron; Emory, navy blue with gold chevron; Harvard, crimson; Illinois, navy blue with two orange chevrons; University of Iowa, old gold; Kansas, navy blue with cardinal chevron; Northwestern, purple with gold chevrons; Ohio State, scarlet with silver gray chevron; Rice, silver above blue; Texas, white above orange; Vanderbilt, black and gold; Wisconsin, bright red; Yale, royal blue.

From modest beginnings in the 1920's, the Memphis State University National Alumni Association (NAA) has grown into a nationwide organization representing over 60,000 MSU alumni and friends. The NAA has enjoyed its greatest growth since 1962 when the Association was first chartered. The NAA moved into the Alumni Center, its beautiful headquarters on the southeast edge of the campus, in 1976.

The Alumni Association is organized to provide aid, assistance and counsel to the University and the cause of education in general, and to promote fellowship among its members. As a graduate of MSU, one is automatically a member of the NAA while a gift to the Academic Fund makes an alumnus/na an Active Member of the Association with additional privileges.

The Alumni Association is governed by an Executive Committee and national Board of Directors selected each year. The Executive Committee meets monthly while the entire board meets approximately three times a year. An annual business meeting is held on Homecoming Day each fall.

The Alumni Center administratively is part of the University's Division of Planning and Public Service. The Center has an eight person professional and support staff.

A wide variety of programs and services are offered to MSU Alumni and friends by the NAA. These include local constituent alumni chapters and out-of-town "MSU Clubs", the Statewide Network system for alumni volunteers, pre-game "Tiger Uproars" and parties, a low-cost insurance program, international travel and trips to Tiger athletic events through the "Travelin Tigers" tour program, special alumni-oriented merchandise offerings, reunions, Homecoming, the Distinguished Alumni Awards, the Young Alumni Council, the Student Ambassador Board and the official alumni publication, *The Columns Alumni Review*.

For further information, contact the Alumni Center at 678-2586.

UNDERGRADUATE

CANDIDATES FOR DEGREES

GRADUATION WITH DISTINCTION

Based on a grading system of "A" as 4.0, three designations of graduation honors are recognized.*

Summa Cum Laude ..... With Highest Distinction

Magna Cum Laude ..... With High Distinction

Cum Laude ..... With Distinction

GRADUATION WITH HONORS

With the approval of the University Honors Council, Memphis State University offers several departmental honors programs. These programs involve a combination of special honors course work, independent study, and usually an honors thesis or project. Students who successfully complete a departmental honors program are awarded their degrees with honors in their area of concentration (e.g., With Honors in English).

*Note: Because of time limitations imposed in preparing this program for commencement, listing for graduation with distinction was based on a minimum of forty-five (45) graded semester hours and the grade point average as of the term prior to the final semester. Final determination of graduation with distinction will be based on a minimum of fifty (50) graded semester hours, including the final semester, and on the cumulative grade point average as of graduation.

THE COLLEGE OF ARTS AND SCIENCES

Dean William E. Carpenter, Ph.D.

The aims and purposes of The College of Arts and Sciences are summarized in these words which serve as part of our official statement in the catalog issue of the University Bulletin: "The program of liberal studies aims (1) to provide students with a store of factual knowledge; (2) to introduce them to varying sets of principles; (3) to stimulate them to think about and to evaluate these facts and principles; and (4) to encourage them to order their own affairs and those of society with the talent, insight, and discrimination which they develop." We have been privileged to pursue these aims with the following students who are candidates for the five degrees which we offer:

BACHELOR OF ARTS

Candidates for this oldest of the traditional baccalaureate degrees are students whose majors have been in the humanities and the social sciences, with various electives from other areas of the University:

Sace Elizabeth Elder, *summa cum laude*
Karl S. Sen Gupta, *summa cum laude*
(With Honors in English)

Ellen Percy Archer, *magna cum laude*
Charlotte Elaine Blankenship, *magna cum laude*
Hugh Andrew Bullock, *magna cum laude*
Cynthia Dawn Hall, *magna cum laude*
Sharon Leigh McLaurin, *magna cum laude*
Marie Ann Zwolinski, *magna cum laude*

Daniel Francis Cody, *cum laude*
Laura Catherine Collier, *cum laude*
~~Brian Kirk Davis, *cum laude*~~
Brenda Kay Johnson, *cum laude*
Bryan Todd Pate, *cum laude*
Lori Anne Perkins, *cum laude*
Richard Carl Robbins, *cum laude*

Mary L. Cole

Mindy Elizabeth Baker
Ephie Jean Ballard
Sharon Bickers Ballin
Angela Marie Barker
Karen Lynn Becker
Carol Ann Bennett
Jeffrey Glenn Blancett
Christie Boyd
Andrea Rene Brooks
Kimberly Dawn Bryant
Jules Matthew Burke
Twilla Ann Byrd
Hyla Michelle Carpenter
Mary Jane Carvin
Denise Jean Clearman
Lewis Ben Colvin, III
Jane Reilly Conway
Richard Allen Couch
Belinda Jo Dickson
Kimberly Lynn Dillihunt
~~William Meriwether Dorr III~~
Howard Eddings, Jr.
~~Paul Clayton Flannigan~~
~~Martha Frances Fowler~~
~~Nila Elizabeth Franklin~~
Valerie Lynn Gable
Jennifer Beth Garrison
George Anthony Gattas
Valorie Ann Gill
~~Gerald Lynn Gipson~~
Sherry Rene Hammond
Davitria Louise Harrell
Lynn Marie Harris
~~Alan Scott Harrison~~
Gary Michael Harrison
~~Michael Hays~~
~~David Lawrence Herbers~~
~~Tammy Lynn Hobbs~~
~~Raymond Hoffman, Jr.~~
Albertina Louise Hoyle
~~Amberia Karrene Huddleston~~
Tracy Leigh Hudgins
Katherine Amy Hudson
~~Sharon Kay Huffman~~
David Scott Hughey
Jim Eugene Hulley
Robert Wayne Jackson, Jr.
Emma Blair Key

Charles Wayne Golden

Devin C. Kyles
David Russell Laney
Heather Beth Lange
Shawn Leitch
Brian Todd Lewis
Atasha R. Lynch
Annabella Yvonne Maijub
Amy Burns Martin
Calvin Tiffany Mathis
Cynthia Dannette McGregor
Julie McNatt
Gregory Allen McOlgan
Pat Daly Moore
Robin Marie Moore

Debbie Diane Mosley
James Patrick Obryan
Theodore Welton Palmer
John David Parrott
Jennifer Clare Perkins
Kevin Cecil Peterson
Joseph Bentley Piercy
Vonda Renee Polk
Diane Mary Prest
Deborah Elaine Rainey
Sherry Sabrina Rashed
Cynthia Lou Replogle
Brian Chad Rickman

Troy Clay Riggs
Dodge Luther Robinson, Sr.
Susan Elizabeth Rodgers
Tiffany Ann Sanders
Sandra Lynn Seligh
Ana Jakline Serrao
Jonathan Michael Shows
Traci Adell Sikkink
Jerri Lynette Simmons
Edward Morris Slaughter
William Wyatt Smith
Gail Fly Soefker
Rebecca Swamidass Talaiver
Cristy A. Simmons

Eric Kevin Terry
Tampia Rena Tate
Willie Ray Terry
Stephen Alexander Thomas
Tracy Lynn Tilton
Marilee Goodman Varner
Melinda Beth Vernon Crichton
Joyce G. Walker
Amy LeeAnn Walls
Jeffrey Ireland Welch
Elgie Lee Williams
Ruby Ann Wilson
Amy Suzanne Wissman
Joyce Goldie Yarmuth

BACHELOR OF SCIENCE

The Bachelor of Science is the degree awarded to those students who complete majors in one or more of the natural, physical, or social sciences:

Stephen Paul Cross, *magna cum laude*
Robin Holly Friedman, , *magna cum laude*

Gibran Badie Naddy, *magna cum laude*
Linda Adrienne Winkler, ~~*magna*~~ *cum laude*

Tammy Butts Bearden, *cum laude*
Jerry M. Derrick, *cum laude*

Rebecca Elaine Hutt, *cum laude*

David Clay Patton, *cum laude*

Lisa Louise Alexander
Cathleen Lynch Baker
Harmon Beasley Canon
Hemesh Chhabil Dass
Shawn Christopher Drake
Juliann Leah Gnuschke-Sides

Arlene Hamilton
Yolanda Crawford Harris
Joan Henderson
Douglas John Iovinelli
Chyreese Tawana Jones
Hairul Anuar Konchong
Mei-hsiang Lai

Marc Christopher Lane
Andreas Miliopoulos
Shelley Folbre Moll
Roxana Patriche
Michael Christopher Patterson
Laura Allen Pepin
Priscilla Ann Reese

Carol Lee Rose
Tammy Lynne Shober
Monica Janelle Somerville
James M. Thayer, III
Chester Lee Vinson
Mitchell Alan Waits

THE FOGELMAN COLLEGE OF BUSINESS AND ECONOMICS

Dean Otis W. Baskin, Ph.D.

The Fogelman College of Business and Economics offers only one undergraduate degree, the Bachelor of Business Administration degree. The goal of the undergraduate program of the Fogelman College of Business and Economics is to provide the basic education needed to prepare a man or woman to enter the field of business and to move rapidly from an entry level position to a managerial level of work.

We believe the curriculum which best accomplishes this goal consists of four components. First, a broad foundation of course work is provided in the liberal arts and sciences. At least 40 percent of the work taken by each student in the Fogelman College of Business and Economics is in the humanities, the social sciences, the natural and physical sciences, communications, and mathematics.

Second, the curriculum includes a significant amount of study of the economic and legal environment of business and introduces each of the major functional fields of business—accounting, finance management, and marketing.

Third, the curriculum provides for a choice of a major by the student. The student is permitted to select a major from accounting, economics, finance, risk management and insurance, financial services, real estate, business management, management information systems, decision sciences, marketing, sales/marketing, transportation and distribution, or international business. Within most areas there is opportunity for the student to select a more specialized area of concentration, such as human resource management, advertising, productions operations, office management, and so on.

Fourth, the Bachelor of Business Administration curriculum offers the opportunity for the selection of free electives. Through these electives, the student may select courses particularly suited to his or her own interests, thus providing an opportunity for the student to pursue in greater breadth and depth the study of business or related fields.

BACHELOR OF BUSINESS ADMINISTRATION

magna

Mark Lawrence Barbieri, ~~*summa*~~ *cum laude*
Deborah Kaye Neal Reed, *summa cum laude*
Paul Michael Todd, *summa cum laude*
Christine Caprice Williams, *summa cum laude*

Carol Lee Brandy, *magna cum laude*
Wayne Preston Finch, ~~*magna*~~ *cum laude*
Kathryn Suzanne Jackson, *magna cum laude*
Tena Marie Reed, *magna cum laude*
Pamela Michelle Ruff, *magna cum laude*
Elizabeth Ann Russell, ~~*magna*~~ *cum laude* summa

Mary R. Anderson, *cum laude*
Jason Terrance Forbes, *cum laude*
Shannon Elizabeth Glover, *cum laude*
Tye J. Griffin, *cum laude*
Charles Edwin Hartness, Jr., *cum laude*
Leslie Rae W. Henderson, *cum laude* magna
Susan Lynn Inman, *cum laude*
Lay Nee Lee, *cum laude*
Raymond Douglas Owen, *cum laude*
Katherine Stone Phelps, *cum laude*
Peter Johan Stromberg, *cum laude*
Carl Scott Thompson, *cum laude*
~~(With Honors In Business)~~
Mitchell Eugene Webster, *cum laude*
Arthur Vaughn Yow, *cum laude*

Jeffrey David Allison
John David Antes, cum laude
Rhonda Mae Arrington
Angelia Kay Atkins
Christopher Todd Bailey, cum laude
~~Tracey Yolanda Baker~~
Marvin Ray Bales
Gene Ballin, Jr.
~~Shannon Marie Barnes~~
Shunda Maria Barnes
~~Rodney Neil Besinger, Jr.~~
Lewell Sterling Bilbrey

Jeffrey Lowell Billions
Cheryl Denise Blade
Michael Britt Bogle
~~Jimmy Boyd III~~
Samantha Brooks
Darryl Lamar Brown
Raymond Leon Brown
John Nicholas Buoni, Jr.
~~Janet Lea Burchfield~~
Marilyn Ruth Moss Byrne
Richard Alan Cagle
Melanie Suzanne Cheshier
Tammie Peters Chism
Wilson Chiu
Valeria Christion
Leonard Dean Clay
Ron Tracy Clement
Carole Lenore Cochran
George Edward Coleman III
Elizabeth Allison Copper
~~Dennis Steven Cowan~~
Mary Beth Crutchfield
Gwendolyn McElroy deFrank
Drew Bernard DePriest
~~Michael Glenn Dickerson~~
~~Patrick Frank Donohue~~
Amy Lynn Doran
Lynn Regan Drake
Lisa Anne Dreher
Timothy Michael Dudas
Kenneth Ronald Duffy, Jr.
Jonarhan Nile Duke
~~Phillip Maurice Duncan~~
Rebecca Anne Dyer
Jimmy Lee Elliff, Jr.
Blair Upton Etz
William Robert Fisher

Carlton A. Catchings

Mary Lee Ann Flinn
Anita Taylor Forbish
M. Beth Burns Ford
~~Michael Andrew Goss~~
~~Deidre DeeAnn Gray~~
David Heath Gurley
Shelly Marie Halford
Lester William Hall
Christie Sue Haupt
Darren DeForrest Hawkins
Clara Anita Head
Stephen Matthew Hood
Sherí Sanders Howard
William Dempsey Hugo
Mark James Hutton
Rachel Reneé Irvin
David Michael Jackson
Darren Anthony Johnson
Shelia Dianne Johnson
Stephen Lane Johnson
Arthur Ray Jones III
Douglas E. Jones
Patricia Truitt Jones
Richard Alan Jones
Angelia Maria Killingsworth
Robert Leon King
Timothy Wayne Kirby
James Joseph Kleber, Jr.
Edward Knight, Jr.
Jeffrey Mitchell Konieczny
Gen Qiang Lam
Debora Anne Lee
Joseph Lawrence Lowdermilk
Jacqueline Luellen
Harry Madison III
Kimberly Patrice Malone
Robert Lee Marchbanks

Stephanie Aliason Martin
Timothy N. Martin
Timothy Scott McIntyre
Ronald Kevin McLarty
Tammy Renée Melancon
James Reginald Metheny
Paul Anthony Middleton
Marilyn Ann Miller
Wendy Reneé Miller
Kevin Neel Mullaney
Bridgette Rachelle Murray
Veda Tara Neely
Charles Sean O'Bannon
Karla Jean Odiorne
Vennes Young Owens
Deborah Barbour Pafford
Patricia Ann Paige
~~Russell Reed Palmer~~
Leanne N. Payne
James Robert Penfold
~~Felicia Collette Pirtle~~
Christopher Mark Pittman
John Thomas Pitts, Jr.
Mark Christopher Polgrabia
Cynthia Lee Tinsley Pope
Darin Todd Pounds
Cynthia Ann Price
Teresa Lynn Randolph
Patricia Agnes Redman
Shannon Renee White Reed
Terri Lyn Reed
Marsha Anne Reeves
Timothy Michael Reilly
~~Russell Allyn Rhoads~~
Elvis Maurice Rias
Arthur James Rivalto III
Anedra Darlene Russell

Raymond Lewis Ryan, Jr.
~~Veronica Montina Sanders~~
~~Matthew Denzil Sellers~~
~~Metshell Reid Shaw~~
Brian Siegel
Douglas Neil Simpson
Jane Michelle Sisk
Michael Charles Sisk
David John Small
~~Karen Michelle Smith~~
Tara Frances Smith
Thomas Eugene Smith, Jr.
Gregory Collins Sneed
~~Sharyn Denice Stevens~~
Barton Giles Stockburger
~~Kazuo Taniguchi~~
David Brian Thayer
Gary Todd Thompson
David Patrick Tierney
Brian Douglas Tomlinson
Uleches L. Trice
Joan Miles Turner
Keith L. Tulley
Derrick Carlton Upshaw
Charles Lloyd Vaught, Jr.
Joseph Kevin Wainscott
Angilean Ward
Jeanne Denise Webb
~~David Andrew West~~
~~David Wilson White, Jr.~~
Paul Landon Whittington
~~Angela Denise Williams~~
Mary Anne Williams
Meme Wong
Barbara Ann Woodard
Johnny Clifford Woollums
Rebecca Lyn Yancey cum laude

Jamie Roxanne Williams

THE COLLEGE OF COMMUNICATION AND FINE ARTS

Dean Richard R. Ranta, Ph.D.

The College of Communication and Fine Arts is ultimately focused upon visual and audible symbols, whose rational and emotional values it is the mission of the College to create and explore. In the belief that perception is largely shaped by experience, the College of Communication and Fine Arts offers a range of symbolically rendered experiences, both individual and collective, in the hope of broadening and sensitizing the perceptions of its students.

Through its various professional courses of study, it prepares students to work toward careers in the fine or applied arts, communication, or the performing arts, whether as practicioners, teachers, artists, or consultants. The College offers three degrees by which to accomplish its purposes:

BACHELOR OF ARTS

Candidates for the oldest of the traditional baccalaureate degrees are students who have majored in art history; journalism with concentrations in either advertising, broadcast news, public relations, or news editorial; or theatre and communication arts with concentrations in broadcasting, communication, film and video tape production, film studies, or theatre.

David Anthony Bloodworth, *magna cum laude*

Sharon L. Fisher, *cum laude* magna
Celia Vashti Hares, *cum laude*
Kathryn Christine Mahn, *cum laude*

Vicky Leigh Sowell, *cum laude*
~~Steven Norman Wilkie, *cum laude*~~

Charles Richard Adair, Jr.
~~Angela Marie Angelici~~ ok D.d Grad
Lisa Annette Ball
~~Gregory James Blackwell~~
Lallon Wade Boyce, II
Steven Michael Buckley
Dee Ann Bunch
Erin Kay Carlton
Jonathan Dyer Chastain
~~Lesia Reneé Hunter Coleman~~
Nannette Marie Dietrich
Robin Reneé Dominick
Rodney Bain Elliott
Leigh Falls
Susan Schaffer Francis
Kristine Elaine Gable

Deborah Lynn Galloway-McGlaughlin
Scott R. Gurley
~~Tracie Marie Hall~~
Jodi M. Harris
~~Traci Lynne Hazlerig~~
John Robert Heckmann
Allyn Elizabeth Holladay
Richard Charles Hughes
Julie Burch Jaggers
~~Sharon Brown Jones~~
~~Paula Zeller Kaczynski~~ ok Did Grad
Kimberly Dawn Kaiser
Kevin Michael King
Christine Noel Lockhart
~~Dell Malone~~

Christopher Lee Marable
Michael Darren Matthews
~~Ashlia Michelle McDonald~~
~~H. Justin Morris~~
Treacy Taylor Mundy
~~Kerris Carlese Murphy~~
Andrea Michelle Neely
Anita Doll Oaks
Janet Lindman Payne
~~Leigh Allison Powell~~
(With Honors in Communication Studies)
~~Sharon Miller Rogness~~
Rosalyn Edwards Ross
~~Kimberly Deneen Sanders~~ ok D.d Grad

~~Anita Aline Seeley~~
Belinda Ann Smith
Letha Darlene Smith
Robert Duane Smith
~~Shara J. Southward~~
~~Eric Price Sparkman~~
Bridget Milton Street
Mellio Joseph Sulipeck
~~Pamela D. Thomas~~
Christopher Jay Todd
Jerry Allen Wade
~~Patrick Harwell Wheeler~~ o k D.d Grad
~~Cristal Anquinette Whitney~~
Warner Neill Witt
Beth McGhee York

James Paul Humphreys

BACHELOR OF FINE ARTS

Candidates for this professional degree have majored in art with concentrations in either art education; graphic design; interior design; ceramics, painting, sculpture, and printmaking; or photography; commercial music with concentrations in either music business or recording/engineering; or theatre with concentrations in either performance, design and technical production or dance. These graduates have been provided with greater opportunities for specialized study in their chosen field than could be possible under other baccalaureate programs.

Mary Elizabeth Bartlett, *cum laude*

Rebecca Lake Brinkley Allen
David Michael Brown
Cynthia Ellis Dunn
~~Wendolynne R. Hedrick~~
~~James Paul Humphreys~~
~~Jane Dickey Hutson~~
Christine Lee Jones
Laura G. Prentice
James William Simpson
Sherry Ann Tucker

BACHELOR OF MUSIC

Candidates for this professional degree have majored in music with concentrations in performance; sacred music; composition; music theory; music history; or school music; or in commercial music with concentrations in studio/live performance or composition/arranging. These graduates have been provided with a greater opportunity for specialized study in a field of music than would be possible under other bacalaureate programs.

Bryan Clifton McHenry, *magna cum laude*

David Louis Pool, *cum laude*

~~David Earl Chipman~~
Robert Larry Jones, Jr.
Tracy Michelle Montgomery
Diedre Robinson

THE COLLEGE OF EDUCATION

Dean Nathan L. Essex, Ph.D.

The College of Education pursues six stated goals to help the University achieve its basic purpose, the advancement of learning. One of the six goals is highlighted at each commencement. This goal is "to provide preparation programs which produce teachers and certain other professional personnel sufficient in quantity and competence to help meet the needs of the state, region, and nation."

The several undergraduate preparation programs provided by the College of Education lead to three baccalaureate, professional degrees: the Bachelor of Science in Education, the Bachelor of Music Education, and the Bachelor of Science in Home Economics.

Each of the degree programs consists of three basic components. General Education courses comprise approximately 45% of each degree program. Professional courses make up from 25% to 40% of the total, depending upon the particular programs followed. The remaining portion is used to develop one or more specializations.

In addition to their prescribed courses, graduates of the various degree programs are required to meet criteria related to their personal and professional fitness for their chosen careers. Field-based laboratory experiences are included in all preparation programs in the College.

BACHELOR OF SCIENCE IN EDUCATION

Candidates for this professional degree have studied in programs covering three broad fields: curriculum and instruction, health and physical education, and special education. These several teacher education preparation programs cover four majors which, in turn, are subdivided into some twenty academic teaching endorsements. The College of Education also offers through this degree majors in the non-teaching fields of health and safety recreation and park administration, rehabilitation education, and educational services.

Julie Ann Strange Minnick, *summa cum laude*

Teresa Stanley Henderson, *magna cum laude*

Kathleen Margaret Bird
Samuel Keith Bland
Mary Matwijec Cooley, cum laude
Jeffrey Brian Cravens
Jeffrey Scott Eldred
Donald Mark England
Mark Eugene Fruitt

Pamela Virginia Garrett
Marilyn Fenéce Inghram
Terri Campbell Jaynes
Mildred Knowlton
Norman William Lachapelle
Sheri Lynn Laster
Deborah Gale McIntyre

Shannon Layne McGrew

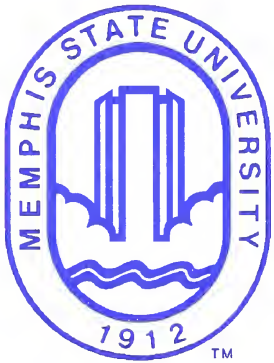
Cynthia Denise Parks
Angela P. Redden
William Scott Reed
Sylvia Mariah Rhodes
Glenn Edward Rogers, Jr.
Dale E. Schaefer
John Matthew Schulz

Wendy Haynes Scott
Tabitha Anne Shoemake
Stacy Lea Simpson
Jackie Lynn Spears
Donna Ward
Jean Izette Washington
Michael Shane Young

BACHELOR OF SCIENCE IN HOME ECONOMICS

Candidates for this professional non-teaching degree have majored in dietetics, merchandising with concentration in fashion or home furnishing, or food administration.

Elisabeth Daye Elkin
Christi Carol Floyd
~~Shannon Layne McGrew~~
~~Michelle Miller~~
Gina Linette Murphy
Angela Kay Ray
Jill Marie Rhude Nelson
Carol Ann Pope ~~Robison~~
Suzanne Margit Tenner
Lurleen S. Tingle
Toland A. Washington



THE HERFF COLLEGE OF ENGINEERING

Dean John D. Ray, Ph.D.

The Engineering College's function is to provide education and research opportunities in the principal fields of engineering and engineering technology for the benefit of the industries and agencies of the metropolitan area, the state, and the nation. This purpose is accomplished by providing professional education in the principal fields of engineering, education in the major areas of four-year engineering technology, and graduate education in all areas. The programs in engineering and engineering technology are accredited by the prestigious Accreditation Board for Engineering and Technology. The following are the degrees offered with the appropriate concentrations within the respective areas:

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Candidates for this degree have majored in civil engineering with a concentration in environmental engineering, foundation engineering, structural engineering, transportation engineering, or construction engineering.

Robert Scott Taylor, *magna cum laude*

Sally Longo Wilson, ~~*cum laude*~~

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Candidates for this degree have majored in electrical engineering with a concentration in solid state electronics, energy conversion, control systems, computer science, or microwave antenna systems.

Nasir Abbas, *magna cum laude*
Edwin M. Alphonso, *magna cum laude*

Stuart Mark Dickerson
Jeffery Alan Ellington
Melissa Thomasita Dunn

Kimberly Allene Greer
~~Juan Delano Moore~~

~~Kenneth Douglas Schiebel~~
Edwin Robert Sears, Jr.

~~Tania Sharnell Smith~~
Titus Jerome Williams

BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY

Candidates for this degree have majored in architectural technology, construction technology, computer systems technology, electronics technology, or manufacturing technology.

James Andrew Underwood, *magna cum laude*

James Robert Harrison, *cum laude*

James Warden LeMaster, *cum laude*

Raymond Alexander
Diane Ruth Anderson
Dennis H. Beene
Donald Adrian deRooy
Rosalyn A. Evans
Derrick Givens
William B. Graham
David B. Hatcher
Anthony Nicholas Henderson
Rebecca Ann Holden-Williams
Maurice Wade Ladd
Mark Lee Lindsey
Dean Bryan Martin, Jr.
Thomas Alan Mays
Tonia Maureen McNeal
Peggy Louise Neal
Ha Huynh Nguyen
Hisham A. Showli
John Edward Storms
Bradley Hart Toler
Derek Kircher Waterman

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Candidates for this degree have majored in mechanical engineering with a concentration in design and manufacturing, energy systems, or biomedical systems.

Carol Elizabeth Stephens, *cum laude*

Gene Edward Austin
Darren Lee Davis
Melvin Russell Duke, Jr.
William Edward James
Jacob Olusola Ogunlade
Sze Jee Wong

THE UNIVERSITY COLLEGE

Dean H. Ramsey Fowler, Ph.D.

The mission of University College is to serve the educational needs of students whose career and personal goals require the development of non-traditional, interdisciplinary, individualized, degree programs.

With its emphasis on interdisciplinary education which bridges the departments, University College offers to students and faculty alike an educational experience which uses new means to achieve old goals—the close relationship between life and study, the interrelatedness of human knowledge, and the application of that knowledge to the important issues of our time.

The degrees awarded by the College are the Bachelor of Liberal Studies and the Bachelor of Professional Studies.

BACHELOR OF LIBERAL STUDIES

~~Susan Rebecca Kotnik, *magna cum laude*~~

~~Shelly Ann Kay~~

BACHELOR OF PROFESSIONAL STUDIES

Iris Montgomery LaGrone, ~~*magna*~~ *cum laude*

Teresa Lynn Bradshaw, *cum laude*

Michelle Joy Derbort, *cum laude*

~~Sandra Lee Williams, *cum laude*~~

Minnie Lee Bommer
James Monroe Chambers IV
~~John L. Cochran~~

Marla Jan Crenshaw
Darrin Keith Helms
Karen M. Hepner

Doris A. Manning
Sandra B. Marion
Lisa Marie Miller,

Michael Jerome Owens
Edith Vincent Pipkin
~~David Christian Timko~~

THE LOEWENBERG SCHOOL OF NURSING

Interim Dean Marjorie F. Luttrell, Ph.D.

The primary function of the School of Nursing is to offer a program of study designed to prepare students for careers in professional nursing. As a part of a comprehensive university, the School of Nursing is dedicated to the development of scholarship in nursing and to providing services supportive of the institutional mission. The School of Nursing is committed to the following purposes: (1) Provide a curriculum leading to the degree of Bachelor of Science in Nursing basic to beginning professional practice and graduate study in nursing; (2) Promote the intellectual, personal and professional development of students by offering a curriculum which combines a strong liberal education with the professional major; (3) Provide a plan of study with flexible options that are responsive to the individual learner's needs; (4) Encourage the use of opportunities available in a comprehensive university setting to foster values, attitudes and personal qualities essential to living a fulfilling life and contributing to society; (5) Produce graduates who demonstrate competence in conceptual, functional and interpersonal skills basic to beginning professional nursing practice in a variety of settings. The program is accredited by the National League for Nursing.

BACHELOR OF SCIENCE IN NURSING

Patricia Gale Allen

June Moody Clayton

Carolyn Harvey Somerville

~~Nan Carolyn White~~

CECIL C. HUMPHREYS SCHOOL OF LAW

Dean Frederick Davis, J.D., LL.M.

The faculty of the School of Law is proud to present for conferral of the Juris Doctor degree the men and women who have successfully met all of the requirements for graduation as established by the School of Law. These graduates are not only prepared to enter into the practice of law at this time, but they are prepared for a lifetime of leadership in the legal profession. The School of Law endeavors to inculcate in each graduate a sense of responsibility to improve the providing of legal services to all persons and segments of society. Above all, the School of Law endeavors to impress upon each graduate the necessity for maintaining high ethical standards which are expected of lawyers in today's society. These graduates are entering a profession that is vital to the preservation of a free and democratic society, and they are well prepared for the challenges that lie ahead.

Summer Convocation Candidates

Teresa Gaba Cobb
B.A., Memphis State University, 1977

Laura Jean Sy
B.A., Wittenberg University, 1986

THE GRADUATE SCHOOL

Dean Dorothy A. Arata, Ph.D.

The Graduate School of Memphis State University is the center of advanced study and research within the University. The basic objectives of The Graduate School are (a) to preserve and disseminate knowledge now available in the humanities, the sciences, and the various professional areas represented by the departmental graduate faculties; (b) to extend knowledge through basic research; and (c) to prepare men and women to assume a more responsible and useful role in society.

GRADUATE DEGREES IN ARTS AND SCIENCES

MASTER OF ARTS

The candidates for this degree have majored in anthropology, criminal justice, English, geography, history, philosophy, political science, romance languages, school psychology, or sociology.

Juanita Gardner Bass
B.A., 1965, LeMoyne College
M.S.E., 1989, Trevecca Nazarene College

Diane C. Burkhead
B.A., 1989, Centre College

John Ford Canale III
B.A., 1989, Rhodes College

Patricia H. Carlisle
B.S., 1973, Ball State University

Joseph Carroll Carson
B.A., 1969, Memphis State University
M.A., 1970, Baylor University

Philip Jackson Crosthwait
B.A., 1985, Hendrix College
M.A.T., 1986, Memphis State University

Diana Tiner Denton
B.A., 1977, Georgia State University

Gina Denise Faulkner
B.A., 1987, Vanderbilt University

Peter Jude Higgins
B.A., 1989, Memphis State University

Mary Kelly James
B.A., 1988, Memphis State University

Kevin Wendell Johnson
B.A., 1985, Memphis State University
M.A.T., 1989, Memphis State University

Teresa Roberts Johnson
B.A., 1985, Memphis State University

Robert E. Klyce, Jr.
B.A., 1988, Memphis State University

A. Mark Levin
B.A., 1969, Yeshiva College
M.S., 1972, Yeshiva University
M.S., 1985, Memphis State University

K. Clark Mansel
B.A., 1989, Memphis State University

Jaye McAlpine
B.A., 1976, University of Michigan
B.S., 1979, Wayne State University

Raymond Victor Mitchell
B.S., 1988, Freed-Hardeman College

Charlotte Shaw Phillips
B.A., 1980, Mississippi University for Women

Jean Renée Pleasant
B.A., 1989, Memphis State University

John Richard Reed
B.A., 1986, Memphis State University

Robert D. Samuelson
A.B., 1953, Greenville College
S.T.M., 1957, Harvard University

Michelle Christine Schicke
B.A., 1989, Southeast Missouri State University

Frankie L. Winchester
B.A., 1984, Memphis State University

MASTER OF CITY & REGIONAL PLANNING

The candidates for this degree have placed emphasis on areas of study such as land use and transportation planning, land use regulations or urban design.

Valsan Mathew Abraham
B.S., 1974, Ahmadu Bello University
M.S., 1977, Ahmadu Bello University

Yicheng Zhu
B.S., 1985, Hangzhou University

MASTER OF SCIENCE

The candidates for this degree have majored in biology, chemistry, geography, geological sciences, physics, psychology, or mathematics.

Marna S. Barrett
B.A., 1978, University of South Florida
B.S., 1979, University of South Florida
M.S., 1981, Sarah Lawrence College

Mary Barbara Church
A.A., 1985, St. Petersburg Junior College
B.A., 1988, Eckerd College

Cheri Cox-Simpson
B.A., 1989, Memphis State University

Johanna W. Eversole
B.A., 1973, Southern Illinois University

Randall L. Futrell
B.S., 1983, Murray State University

John Dominic Huber
B.A., 1988, University of the South

Lisa Marie Klesges
B.A., 1982, Concordia College

Eric William Klumpe
A.A., 1977, Pasadena City College
B.S., 1980, California Institute of Technology
M.S., 1981, Stanford University

Weijie Lu
B.E., 1985, Zhejiang Institute of Technology
M.S., 1988, China University of Science and Technology

Christine Diane MacDonald
B.S., 1988, Birmingham-Southern College

Gerald Christopher McCallum
B.S., 1985, University of Illinois

Karen Ann Pierce
B.A., 1988, Memphis State University

Lois Ann Prislovsky
B.A., 1989, Christian Brothers College

Ananda Ramanathan
M.S., 1970, Annamalai University

Maureen Elizabeth Schmitter
B.S., 1988, Bucknell University

Lynneann Marie Slade
B.A., 1986, University of Tennessee at Knoxville

Kim Harvey Smalley
B.A., 1983, Blue Mountain College

Thomas Towles
B.S., 1986, University of Southern Mississippi

Loretta Ann Ussery
B.S., 1987, Austin Peay State University

David Ray Wilkins II
B.S., 1986, Vanderbilt University

Saraswathi Yerramilli
B.S., 1979, Osmania University
M.S., 1981, University of Hyderabad

GRADUATE DEGREES IN BUSINESS & ECONOMICS

MASTER OF ARTS

The candidates for this degree have majored in economics.

Chew Leong Tan
B.B.A., 1989, Memphis State University

Suizhen Zhao
B.A., 1987, Zhongshan University

MASTER OF BUSINESS ADMINISTRATION

The candidates for this degree have majored in business administration in the areas of accountancy, economics, finance, insurance, real estate, management, management science, marketing, law, the executive program, management information systems, or international management.

James R. Avery, Jr.
A.S., 1984, State Technical Institute at Memphis
B.B.A., 1987, Memphis State University

James Michael Baker
B.B.A., 1988, Memphis State University

John Brent Baskin
B.S.M.E., 1985, Christian Brothers College

Ronald Michael Benson
B.S., 1990, Lambuth College

Stuart Brian Breakstone
B.B.A., 1988, Memphis State University
J.D., 1991, Memphis State University

Richard Bradley Burt
B.B.A., 1985, Harding University

L. Bradley Dooley, Jr.
B.S., 1987, Bowling Green State University

Kenneth Edward Echols
B.B.A., 1983, University of Mississippi

Nancy Claire Everitt
B.S., 1987, Arkansas State University

Shelli Dawn Farr
B.S., 1979, Oklahoma State University

Robert W. Ford, Jr.
B.S.E.E., 1985, Memphis State University

Ann Katherine Fouts
B.B.A., 1989, University of Mississippi

Ramon E. Fracchia, Jr.
B.A., 1990, University of Alabama

Teresa M. Friedrich
B.B.A., 1985, Memphis State University

Gregory R. Gadomski
B.S., 1986, Christian Brothers College

L. Darren Gibson
B.B.A., 1984, Memphis State University

George Douglas Grace
A.S., 1979, Jackson State Community College
B.S., 1982, University of Tennessee at Knoxville

Lisa Ilene Harris
B.S., 1980, Colorado State University

Haryanto
B.S., 1980, Indonesia State College for Accountants
M.S., 1987, Indonesia State College for Accountants

Elaine Kathleen Jones
B.B.A., 1990, Memphis State University

Marshall Anthony Kleiser
B.B.A., 1989, Memphis State University

Shihyu Liu
B.B.A., 1989, National Taiwan Institute of Technology

Mark Stevens Lloyd
B.B.A., 1986, Memphis State University

Dexter B. Lowery
B.B.A., 1987, Memphis State University

Shivkumar Mahadevan
B.S., 1985, University of Madras
M.S., 1989, Tulane University

Rachel Jane McCoy
B.B.A., 1990, Lambuth College

Kathleen M. Mooney
B.S.B.A., 1980, University of Missouri

Billy R. Myers
B.B.A., 1987, Memphis State University

Robert Paul Nieman
B.B.A., 1978, Memphis State University

Eric James Painter
B.S., 1981, University of Tennessee at Knoxville
B.F.A., 1987, Memphis State University

Jamie J. Patterson
B.S.N., 1973, University of Central Arkansas
M.S., 1976, University of Tennessee at Memphis

Paul Reaves
B.S.B.A., 1988, University of Tennessee at Knoxville

William Harold Rice, Jr.
B.B.A., 1988, Memphis State University

Azhar Ahmed Rifayee
B.A., 1981, University of Madras
M.A., 1983, Jawaharlal Nehru University
M.Phil., 1986, University of Madras

Andrew Hugo Russell
B.B.A., 1989, Memphis State University

Chia-Yu Sheng
B.S., 1985, Chinese Culture University

Phillip Dwight Street
B.B.A., 1988, Memphis State University

Ye-Ling Sun
B.A., 1987, National Chung-Shin University

Pichiu Tang
B.A., 1987, Fu Jen Catholic University
M.A., 1991, Memphis State University

Kulthida Thepchatri
B.B.A., 1988, Chulalongkorn University

Chianing Tso
B.A., 1989, Chen-chi University

Kurt Austin Voldeng
B.B.A., 1989, Memphis State University

George Alexander Weir, Jr.
B.S.E.E., 1976, Mississippi State University

Deanna Wimberly
B.B.A., 1988, Memphis State University

Donna Childs Winfield
B.B.A., 1988, Memphis State University

MASTER OF SCIENCE

The candidates for this degree have majored in accounting, finance, management, marketing, or management information systems.

Mark Stephen Aquadro
B.B.A., 1981, Memphis State University

Katherine Ann Graci
B.S., 1990, Washington & Lee University

Shu-Chiang Hsieh
B.S., 1984, Tamkang University

Patrick H. Stewart
B.A., 1985, University of South Florida

GRADUATE DEGREES IN COMMUNICATION AND FINE ARTS

MASTER OF ARTS

The candidates for this degree have concentrated in art history, radio-tv-film production, communication studies, theatre, or journalism.

Shannon Lea McIntosh
B.A., 1988, University of Miami

Zöe-Gabrielle Miroy
A.A., 1979, Southern Seminary
B.A., 1984, George Mason University

William Davie Short
B.S., 1975, University of Southern Mississippi

Jean H. Ward-Jones
B.B.A., 1984, Memphis State University

Nancy Canestrari Williams
B.A., 1976, William Woods College
B.S., 1976, William Woods College

Allyson Weathers Wright
B.B.A., 1988, Memphis State University

MASTER OF FINE ARTS

The candidates for this degree have majored in studio art or theatre.

Rollin Michael Kocsis
B.S.E., 1971, Indiana University
M.A.T., 1977, Memphis State University

MASTER OF MUSIC

The candidates for this degree have concentrated in applied music, music theory, music history, Orff Schulwerk, sacred music, pedagogy, or music education.

Darva D. Campbell
B.A., 1984, Columbia Christian College

Troy Clayton Leach
A.A., 1975, Dyersburg State Community College
B.A., 1984, Union University

John Michael McKenzie
B.M.E., 1984, Memphis State University

Patrick James Miller
B.M., 1988, College of Wooster

GRADUATE DEGREES IN EDUCATION

MASTER OF ARTS IN TEACHING

The candidates for this degree have majored in curriculum and instruction.

Christine Prats Brasher
B.A., 1985, Louisiana State University

Scarlett E. Cavagnaro
B.S., 1988, Memphis State University

Sheila Ann Collins
B.S., 1990, Christian Brothers University

Elizabeth Sue Jeffcoat
B.B.A., 1979, Central Arkansas University

Denise Butler Johnson
B.S., 1990, University of Tennessee at Martin

Derek Wayne Moore
B.B.A., 1985, Memphis State University

Constance Coley Nathan
B.F.A., 1972, Mississippi University for Women

Ann Marie Nunnery
B.A., 1988, Rhodes College

Nancy Elisabeth Parker
B.A., 1988, Memphis State University

Kerry Dunnam Peeples
B.A., 1985, Berea College

Russell Lee Quattlebaum
B.A., 1988, Memphis State University

Marion Leslye Samuel
B.A., 1987, Rhodes College

Carolyn Davis Sanderson
B.S.B.A., 1985, University of Tennessee at Martin

Gary W. Sharp
B.B.A., 1968, Memphis State University
M.S., 1986, U.S. Air Force Institute of Technology

Stacy J. Sharpe
B.A., 1990, Memphis State University

Christine Elaine Stone
B.A., 1990, Memphis State University

James Finley Thompson
B.B.A., 1970, Memphis State University

Sarah Yarborough Whalen
B.S., 1986, Mississippi State University

MASTER OF EDUCATION

The candidates for this degree have majored in the areas of educational administration and supervision, curriculum and instruction, counseling and personnel services, health, physical education and recreation, or special education.

Robert T. Akins
A.A., 1975, Northwest Mississippi Junior College
B.A., 1977, Harding University

James Phillip Aldinger
B.B.A., 1986, Memphis State University

Nancy Barnes Allen
B.S., 1986, Murray State University
B.S., 1986, Murray State University

Robert Eugene Armbruster, Jr.
A.A., 1983, Shelby State Community College
B.S.E., 1986, Memphis State University

Margaret Ryder Askew
B.S., 1973, University of Tennessee at Knoxville

Terry Stephen Austin
B.S.E., 1980, University of Tennessee at Knoxville

Karen Gylfe Baggett
B.S., 1985, University of Tennessee at Martin

Lisa Reed Bailey
B.S.E., 1978, Memphis State University

Judy C. Barker
B.M.E., 1972, Southeast Missouri State University

Patricia Robinson Bell
B.S., 1978, Middle Tennessee State University

Sherry Drew Benz
B.S., 1982, University of Tennessee at Knoxville

Carissa Borders Bergosh
A.A., 1988, Pensacola Junior College
B.A., 1989, University of West Florida

Karee Scott Black
B.S., 1985, Lambuth College

Eula M. Boulton
B.A., 1974, Fisk University

Rhonda DeVoria Brown
B.A., 1985, Lane College

Terry Lynn Brown
B.S.E., 1986, Mid-South Bible College

James H. Carmichael, Jr.
B.S., 1971, Lambuth College

Anne Robb Carroll
B.A.E., 1990, University of Mississippi

Phyllis Clark Chandler
A.S., 1981, Jackson State Community College
B.S., 1983, Bethel College

Sherry B. Cockrill
B.S., 1985, Bethel College

Susan Lawrence Cohen
B.S.E., 1984, Memphis State University

Thomas Gavin Cole

Rhonda Marie Coleman
B.S., 1987, Union University

Melissa Webb Coley
A.A., 1984, Jackson State Community College
B.A., 1986, Union University

Peggy Cook
B.S.E., 1976, Memphis State University

Anna Lee Lewis Eden
B.A., 1974, Virginia Polytechnic and State University

Martha Williams Ellis
B.A., 1971, Union University

Suzanne King Farris
B.S., 1989, Mississippi State University

Jennifer Jill Webb Faulkner
B.S., 1989, Lambuth College

Anita Louise Fleet
B.A., 1986, Union University

Kerry Braden Fleet
B.S., 1985, Union University

Laura Arnold Ford
B.A.E., 1986, University of Mississippi

Sonji Marionette Neal Fouse
B.S., 1973, Lane College

Sara Pinner Gangaware
B.S., 1978, University of Tennessee at Martin

Sharon Hope Genes
B.S.E., 1970, Memphis State University

Beth Nanney Goforth
B.S.E., 1984, Memphis State University

Charlotte Stitt Gordon
B.S., 1971, University of Tennessee at Knoxville

Jeana Hendrick Hay
B.S., 1987, Memphis State University

Deborah Kay Sides Heuberger
B.S.E., 1981, Memphis State University

Gayle Joy Huddleston
B.S., 1979, Memphis State University

Carolyn B. Iden
B.A., 1966, Lambuth College

Elizabeth Ann Kerr
B.A., 1983, Loyola Marymount University

Laura Robison Kerr
B.A., 1987, Agnes Scott College

Donna Cochran Ladd
B.S., 1974, University of Tennessee at Knoxville

Joyce Maria La Roe
B.S.E., 1989, Memphis State University

Laura Fuller Lewis
B.A., 1981, Union University

Wanda Worsham Lindsey
B.S.E., 1989, Memphis State University

Jeannine Cary Lowe
B.S., 1972, Tennessee Temple University

Michael Johnson Madden
A.S., 1973, Jackson State Community College
B.S., 1975, Lambuth College

Mary Louise Marvin
B.S., 1973, University of Tennessee at Martin

Mary Todd Matlock
B.S., 1989, Union University

Nita Ruth McMillan
B.S., 1970, Bethel College

Jennie E. Mitchell
A.A., 1963, Freed-Hardeman College
B.S., 1965, University of Tennessee at Martin

Kimberly S. Duck Mitchell
B.S., 1989, University of Tennessee at Martin

Helen Marie Brunson Mottley
B.S., 1971, LeMoyne-Owen College

Mitzi Crabtree Nicks
B.S., 1983, Lambuth College

Janna Dalaine Norton
B.S., 1989, Union University

Judith Carol Nunley
A.A., 1964, Cumberland Community College
B.S., 1966, Tennessee Technological University

Regina Kay Hutchinson Oelslager
B.S.E., 1987, Ohio State University

Elizabeth J. Orr
B.S., 1989, Union University

Anita Carol Pendergrass
B.S., 1968, Memphis State University

Dianne Seiber Perkins
B.S.E., 1989, Memphis State University

Robert Alan Phenicie
A.A., 1986, Orange Coast College
B..A., 1989, Memphis State University

Lori Carrington Phibbs
B.S.E., 1984, Southern Illinois University

Antoinette L. Quinn
B.S., 1979, Louisiana State University

Lisa Kennedy Ray
B.S., 1986, Freed-Hardeman College

John Dexter Reed
B.B.A., 1989, Memphis State University

Julene Sue Franz Reed
B.S.E., 1972, University of Kansas

Juanita Toliver Robertson
B.A., 1976, University of Mississippi

Tonya L. Rogers-Nicks
B.A., 1984, Union University

Barbara W. Ruff
B.S.E., 1973, Memphis State University

James Alexander Shull
B.S., 1982, University of Tennessee at Martin

Wendy Siler
B.S., 1984, Freed-Hardeman College

Darla Jeane Billington Sisk
B.S.E., 1988, Memphis State University

Marilyn O. Smith
B.S., 1973, Austin Peay State University

Susan Elise Streete
B.A.E., 1990, University of Mississippi

Stephen D. Taylor
B.A., 1967, Westmont College

Marcia Whyte Thrailkill
B.S., 1976, Lambuth College

Stephen Biller Wehry
B.S., 1966, Emory & Henry College

Frederick Norman Wein
B.M.E., 1975, Memphis State University

Virginia Ricketts Whaley
B.S., 1971, University of Tennessee at Knoxville

Rebecca Diane Whalley
B.S.E., 1978, Louisiana State University

Carol Anne Williamson
B.A., 1983, Northern Arizona University

Yvonne C. Williamson
B.A., 1986, Lambuth College

Melinda McCormick Woodard
B.S.E., 1983, University of Tennessee at Knoxville

Margaret Wyatt Woodson
B.A., 1965, Lambuth College

Elizabeth Boyd Yarbrough
B.S.E., 1973, Memphis State University

MASTER OF SCIENCE

The candidates for this degree have majored in the areas of educational administration and supervision, curriculum and instruction, counseling and personnel services, geriatric services, health, physical education and recreation, home economics, special education, foundations of education or clinical nutrition.

Barbara Jean Atkeison
B.A., 1982, Antioch University

Daniel A. Bacchus, Jr.
B.S., 1973, Virginia State University

Stephanie All'eane Boone
B.S., 1987, Memphis State University

Mary Ann Chilcott
B.S., 1984, Edinboro University of Pennsylvania
B.S.E., 1985, Edinboro University of Pennsylvania

Joan Marie Cook
B.S., 1984, Evergreen State College

Edward Anthony Delgado
B.A., 1988, Rhodes College

Lou Ann Denman
B.A., 1983, Abilene Christian University

Jo Ann DeWitt
B.L.S., 1987, Memphis State University

Mary B. Drawdy
B.P.S., 1985, Memphis State University

Renee Rochelle Ford Elosiebo
B.B.A., 1981, Middle Tennessee State University

P. J. Gardner
B.S., 1988, Memphis State University

Mary Ethel Jacobs
B.A., 1965, Evangel College

Donna Meacham Kamm
B.S.E., 1972, Arkansas State University

Maricharles Ledsinger
B.S., 1972, University of Tennessee at Martin

Angela Hartsell Limberg
B.A., 1988, Memphis State University

Shiang-tung Liu
B.S., 1981, National Kaoshiung Normal University

Betty Hutcherson Llewellyn
B.S.E., 1986, Memphis State University

Rebecca Blair Lloyd
B.S., 1974, University of Tennessee at Knoxville

James Derek McCord
A.A., 1986, Three Rivers Community College
B.S.E., 1989, Arkansas State University

Carolyn Ida McGhee
B.S., 1989, Memphis State University

Teresa Marita McGuire
B.A., 1982, Memphis State University

Doreen Z. Orleans
B.A., 1977, William Patterson College

Patsy Orr
B.S., 1964, Memphis State University
M.Ed., 1967, Memphis State University

Suzanne Stringer Padgett
B.A., 1988, Memphis State University

Thomas Oakley Ray
B.S., 1987, Belmont College

Dennis James Reber
B.P.S., 1989, Memphis State University

Pamela Vincent Rigby
B.S., 1985, Union University

Karen Sanford
B.S., 1981, Memphis State University

Gina W. Smith
B.S., 1987, Memphis State University

Faye Ritchey Sokol
B.S.H.E., 1975, University of Mississippi

Darlene Gray Stark
B.S.E., 1988, Memphis State University

Maria A. Stewart
B.A., 1988, Memphis State University

Tara Stubert
B.S.E., 1988, Memphis State University

Johnny M. Suggs
B.A., 1988, Rhodes College

Caron W. Swatley
B.S.E., 1987, Memphis State University

Cynthia Lorraine Twillie
B.S.H.E., 1985, University of Missouri at Columbia

Mae Cunningham Young
B.S., 1975, University of Tennessee at Martin
B.S., 1976, University of Tennessee at Memphis

EDUCATION SPECIALIST

The candidates for this degree have an interdisciplinary major in education with studies focused in counseling and personnel services, educational administration and supervision, curriculum administration and instruction, foundations of education, and special education.

Dianne Miller Austin
B.S., 1964, Bethel College
M.S., 1971, University of Tennessee at Martin

Sherry Moore Bunch
B.S., 1969, Northeastern State College
M.A.E., 1974, Mississippi State University
M.A.E., 1984, Hampton University
M.A., 1990, Memphis State University

Debbie C. DeBerry
B.S., 1982, Middle Tennessee State University
M.A., 1987, Memphis State University

Sandra Paulsen Friedlander
A.B., 1971, University of Chicago
M.A., 1990, Memphis State University

Diana McCamish Griffin
B.S., 1976, Tennessee Technological University
M.A., 1977, Tennessee Technological University

Zia Haden Locke
B.S., 1966, Bethel College
M.S., 1985, University of Tennessee at Martin

Brenda Dodson Mount
B.A., 1975, Union University
M.S., 1986, University of Tennessee at Martin

James Phillip Reed
B.A., 1979, St. Leo's College
M.Ed., 1981, University of Florida
M.S., 1989, University of Arkansas

Susan Roberta Vest
B.A., 1989, Memphis State University
M.A., 1990, Memphis State University

GRADUATE DEGREES IN ENGINEERING

MASTER OF SCIENCE

The candidates for this degree have majored in civil engineering, electrical engineering, industrial & systems engineering, biomedical engineering, mechanical engineering or technical education.

Kiho Cha
B.S., 1989, University of Tennessee at Martin

Ewe Leng Lim
B.S.C.E., 1989, Memphis State University

Carl David Miller
B.S.E.T., 1978, University of Tennessee at Martin

Paulo Tarso Vilela de Resende
B.S., 1987, Fundaçãco Mineira de Eduçãcao e Cultura

Suryanarayan Sahoo
B.S., 1986, Regional Engineering College of Sambalpur University

James Samuel Taylor, Jr.
B.S.E.E., 1990, Memphis State University

Stephanie D. Taylor
B.S.E.E., 1990, Memphis State University

Lin Kee Teh
B.S.C.E., 1988, Memphis State University

Douglas Clay Winfield
B.S., 1990, Christian Brothers College

GRADUATE DEGREES IN INDEPENDENT PROGRAMS

MASTER OF ARTS (AUDIOLOGY & SPEECH PATHOLOGY)

Angela R. Gracey
B.A., 1985, Memphis State University

Ginger Atwood Gray
B.S., 1972, University of Tennessee at Knoxville

Michael Joe Hicks
A.S.E.T., 1983, Institute of Electronic Technology
A.S., 1987, Shawnee College
B.S., 1989, Southern Illinois University

Linda Marie Redmond Sanford
B.A., 1978, University of Mississippi

Amy Suzanne Underwood
B.A., 1988, Memphis State University

MASTER OF SCIENCE (INDIVIDUAL STUDIES)

Paulla Powell Boone
B.S., 1982, Christian Brothers College

Cheri Chiapella Gowen

DOCTOR OF MUSICAL ARTS

Stephen Frederick Duncan - Department of Music
B.A., 1983, Southwestern Oklahoma State University
B.M.Ed., 1984, Southwestern Oklahoma State University
M.M., 1987, Southwestern Oklahoma State University
Dissertation: *"Christian Bhajans: A Study of the Uses of Indigenous Music in the Rites of the Catholic Church on the Subcontinent of India since the Second Vatican Council with Particular Attention to Bhajan and Kirtan"*
Major Professor: Dr. John D. Peterson, Professor of Music

John Oscar Elmquist - Department of Music
B.M., 1984, Virginia Commonwealth University
M.M., 1986, Virginia Commonwealth University
Dissertation: *"Pythian Vision: A Tone Poem in One Movement for Chamber Orchestra"*
Major Professor: Dr. Donald W. Freund, Professor of Music

DOCTOR OF EDUCATION

Elba Martinez Arellano - Department of Curriculum and Instruction
B.S., 1971, University of Rochester
M.S., 1979, University of Arkansas
Dissertation: *"The Effects of Retelling as an Instructional Strategy with Expository Text for Nonnative English Speakers"*
Major Professor: Dr. Thomas A. Rakes, Professor of Curriculum and Instruction

Martha Ellen Bradshaw - Department of Curriculum and Instruction
B.S., 1974, Middle Tennessee State University
M.B.Ed., 1983, Middle Tennessee State University
Dissertation: *"A Study to Determine Verbal and Nonverbal Communication Skills Considered Important for Business Success and Business Students' Perceptions of the Importance of These Skills"*
Major Professor: Dr. Lillian H. Chaney, Professor of Management

William Henry Finley - Department of Curriculum and Instruction
B.S., 1973, University of Southern Mississippi
M.S., 1975, University of Southern Mississippi
Dissertation: *"High School Principal Job Satisfaction"*
Major Professor: Dr. Dennie L. Smith, Professor of Curriculum and Instruction

Ty Julian Handy - Department of Educational Administration and Supervision
B.S., 1984, Western Kentucky University
M.B.A., Drexel University
Dissertation: *"The Tennessee Board of Regents Remedial and Developmental Studies Program: An Ex Post Cost-Effectiveness Analysis"*
Major Professor: Dr. Robert O. Riggs, Professor of Educational Administration and Supervision

Robin Glenn Heise - Department of Counseling and Personnel Services
B.A., 1972, Memphis State University
M.S., 1977, Memphis State University
Dissertation: *"Spirituality and Contented Sobriety: A Model"*
Major Professor: Dr. Charlene A. Deloach, Professor of Counseling and Personnel Services

Robert Wayne McDowell - Department of Curriculum and Instruction
B.B.A., 1978, Memphis State University
M.A., 1983, Memphis State University
Dissertation: *"An Analysis of Sales Employee Turnover at Commercial Radio Stations in the State of Tennessee"*
Major Professor: Dr. Dennie L. Smith, Professor of Curriculum and Instruction

Larry E. McGhee - Department of Curriculum and Instruction
B.S.E., 1971, Memphis State University
M.Ed., 1975, Memphis State University
M.A., 1978, Memphis State University
Dissertation: *"Influence of Race, Gender, Travel, Geography Content in Other Courses, and a Geography Course upon Geographic Literacy of High School Students*
Major Professor: Dr. Duane M. Giannangelo, Associate Professor of Curriculum and Instruction

Carol Jean Mulling - Department of Foundations of Education
B.A., 1980, Baldwin-Wallace College
M.S., 1981, Purdue University
M.S., 1985, Memphis State University
Dissertation: *"A Confirmatory Factor Analysis of the Heroic Myth Index and Its Relationship to Osgood's Semantic Differential"*
Major Professor: Dr. Jean A. Steitz, Professor of Foundations of Education

Nelda Chadwick Schultz - Higher Education: Interdisciplinary
B.A., 1961, Samford University
M.A., 1963, University of Alabama
Dissertation: *"Sarah Lutes Healy: A Life and Career of Significance"*
Major Professor: Dr. Todd M. Davis, Associate Professor of Foundations of Education

DOCTOR OF PHILOSOPHY

Janice Arlene Bartleson Barrom - Department of Psychology
B.A., 1976, Southern Illinois University
M.A., 1979, Southern Illinois University
M.A., 1990, Memphis State University
Dissertation: *"Diagnostic Prognosticators among Relationship Partners of Drug- or Alcohol-Addicted Persons"*
Major Professor: Dr. Milton A. Trapold, Professor of Psychology

Jeffrey A. Cigrang - Department of Psychology
B.A., 1983, Harding University
M.S., 1989, Memphis State University
Dissertation: *"Psychosocial Intervention for Youths with Insulin-Dependent Diabetes: A Study of the Metabolic and Psychosocial Effects of Group Therapy"*
Major Professor: Dr. Cindy L. Hanson, Assistant Professor of Psychology

Meenakshi Devidas - Department of Mathematical Sciences
B.S., 1980, Bangalore University
M.B.A., 1982, Bangalore University
M.A., 1991, Memphis State University
Dissertation: *"Parametric Modeling of Response Functions: Efficiency Studies and Computational Techniques"*
Major Professor: Dr. E. Olusegun George, Associate Professor of Mathematical Sciences

Margie Lynn Gilbertson - Department of Audiology and Speech Pathology
B.A., 1980, University of Central Arkansas
M.S.E., 1985, University of Central Arkansas
Dissertation: *"Novel Word Learning in Hearing-Impaired Children"*
Major Professor: Dr. Alan G. Kamhi, Associate Professor of Audiology and Speech Pathology

Joseph Grillo - Department of Psychology
B.A., 1972, University of Maryland
M.S., 1989, Memphis State University
Dissertation: *"The Influence of Ethnicity on the Clinical and Validity Scales of the Minnesota Multiphasic Personality Inventory-2"*
Major Professor: Dr. J. Laurence Bernard, Professor of Psychology

Won Hyung Kim - Department of Chemistry
B.S., 1982, Dongguk University
Dissertation: *"Semi-empirical Calculations of Nonlinear Optical Properties of Organic Molecules and Polymers"*
Major Professor: Dr. Henry A. Kurtz, Associate Professor of Chemistry

San Li - Department of Chemistry
B.S., 1983, Nankai University
Dissertation: *"Spectroscopic Studies of Molecular Conformation and Intermolecular Interactions"*
Major Professor: Dr. Ying-Sing Li, Associate Professor of Chemistry

Margaret Neilson Lillard - Department of Counseling and Personnel Services
B.S., 1981, Arkansas State University
M.R.C., 1983, Arkansas State University
Dissertation: *"Career Counseling from a Social Influence Perspective: Effects of Interpretation Style with Career Indecisive Clients"*
Major Professor: Dr. Fred J. Dorn, Associate Professor of Counseling and Personnel Services

Gail S. Murray - Department of History
A.B., 1966, University of Michigan
M.S.Ed., 1968, State College of Arkansas
Dissertation: *"Poverty in the Antebellum South: Perceptions and Realities in Three Selected Cities—Charleston, Nashville, and New Orleans"*
Major Professor: Dr. Major L. Wilson, Professor of History

Mary Louise Ogilvie - Department of Biology
B.S., 1980, Memphis State University
M.S., 1982, Memphis State University
Dissertation: *"Antibodies and Peptides as Probes of Platelet Function"*
Major Professor: Dr. T. Kent Gartner, Professor of Biology

Randy William Pascale - Department of Psychology
B.A., 1983, La Salle College
M.A., 1985, American University
Dissertation: *"An Evaluation of the Proposed Mechanisms of the Relationship between Cigarette Smoking and Resting Energy Expenditure"*
Major Professor: Dr. Robert C. Klesges, Associate Professor of Psychology

Deborah Nichol Pittman - Department of Fiance, Insurance and Real Estate
B.A., 1971, Rhodes College
M.S., 1981, Memphis State University
Dissertation: *"On Index-Linked Gilts"*
Major Professor: Dr. Chen-Chin Chu, Assistant Professor of Finance

Wilburn E. Reddick - Department of Electrical Engineering
B.S.E.E., 1987, Memphis State University
M.S., 1988 Memphis State University
Dissertation: *"Frequency Domain Simulated Annealing"*
Major Professor: Dr. Carl E. Halford, Professor of Electrical Engineering

Jane Schacht - Department of Counseling and Personnel Services
B.A., 1981, Boston University
M.A., 1984, Lesley College
Dissertation: *"The Impact of the Supervisory Relationship upon Intern Satisfaction"*
Major Professor: Dr. Fred J. Dorn, Associate Professor of Counseling and Personnel Services

Natalie Wilkin - Department of Psychology
B.S., 1985, University of Illinois
M.S., 1988, Memphis State University
Dissertation: *"The Psychosocial Functioning of Sexually Abused Children in Comparison to Physically Abused, Neglected, and Non-abused Children"*
Major Professor: Dr. Sam B. Morgan, Professor of Psychology

Michael Ralph Winters - Department of Counseling and Personnel Services
B.A., 1984, Western Kentucky University
M.A., 1987, Purdue University
Dissertation: *"The Relationship between Cognitive Development and Coping Strategies in College Students"*
Major Professor: Dr. Charlene A. Deloach, Professor of Counseling and Personnel Services

Mary Ellen Groth Zioiko - Department of Counseling and Personnel Services
A.A., 1969, Immaculata College
B.A., 1977, State University of New York at Buffalo
M.S., 1984, Memphis State University
Dissertation: *"Effects of a Multidisciplinary Approach Involving the Use of Anticonvulsant Medication on Language Dysfunction in Young Children with Neuromotor Disorders"*
Major Professor: Dr. Russell E. Thomas, Associate Professor of Counseling and Personnel Services

THE DEPARTMENT OF AEROSPACE STUDIES
AFROTC DETACHMENTS NR 785
CANDIDATES FOR AIR FORCE COMMISSION

The Department of Aerospace Studies offers a curriculum to prepare men and women for commissioned service in the United States Air Force. The courses and Leadership Laboratory are designed to complement the student's work in his major field of study. A minor in Aerospace Studies is offered to those who complete 18 semester hours of Air Force ROTC courses.

The General Military Course, open to all University students, comprises four semesters of survey-level instruction on the development and organization of the Air Force. A month of summer training at an active Air Force base leads to membership in the Professional Officer Course for selected cadets and applicants from the University at large. During their final two years of graduate or undergraduate schooling, Air Force ROTC cadets study comprehensive courses in Leadership and Management, American Defense Policy and Flight Theory. Candidates for pilot training complete a course of 25 hours of flight instruction in light aircraft. The cadets organize and conduct a broad range of extracurricular activities to develop leadership skills and managerial experience to meet the course objectives of Leadership Laboratory.

Upon graduation and completion of the Air Force ROTC program, the cadets are commissioned as Second Lieutenants and assume the responsibilities of managing our nation's Aerospace defense resources.

Dean Bryan Martin, Jr. Derek Kirsher Waterman

THE DEPARTMENT OF NAVAL SCIENCE
NAVAL ROTC UNIT
CANDIDATES FOR NAVY COMMISSION

The Department of Naval Science provides a four-year and two-year program of instruction leading to an undergraduate degree and commission as an officer in the regular United States Navy or Marine Corps as well as Naval Reserve or Marine Corps Reserve. The program is also known as the Naval Reserve Officer Training Corps (NROTC) and is voluntary in that students may withdraw from the program at any time during the freshman year. At the start of the sophomore year, scholarship students enter into an agreement with the Department of the Navy that specifies active duty service after college work is completed. These programs are open to men and women.

The four year program is geared to students who enter the NROTC program as freshmen. Students are introduced to the field of naval science which encompasses a broad variety of subjects ranging from basic seamanship to fleet operations. Topics covered during the first half of the four year program include principles of naval ships systems, naval weaponry, seapower, and maritime affairs. The second half (junior and senior years) is devoted to navigation and naval operations, naval leadership and management, and, for Marine Option Students, amphibious warfare and a study of warfare through the ages. Six week summer training cruises are also part of the naval science program. While participating in summer training, students receive approximately one half the monetary compensation of an Ensign and are provided room, board, medical care and travel to and from training.

The two-year program is offered to upper level students only. Students apply for enrollment through the Professor of Naval Science before the spring semester of their sophomore year. Following acceptance, students attend the six-week Naval Science Institute in Newport, Rhode Island, during the summer between the sophomore and junior years. Upon return to campus, students are enrolled in the NROTC program and participate as regular scholarship students.

Upon graduation and completion of the Navy ROTC Program, midshipmen are commissioned as Ensigns in the United States Navy or Second Lieutenants in the Marine Corps.

Raymond Alexander
James Robert Harrison
Anthony Nicholas Henderson
Angelia Maria Killingsworth

NATIONAL ANTHEM

Oh, say can you see by the dawn's early light
What so proudly we hail'd at the twilight's last gleaming,
Whose broad stripes and bright stars through the perilous fight
O'er the ramparts we watch'd were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air,
Gave proof through the night that our flag was still there.
Oh, say does that star-spangled banner yet wave
O'er the land of the free and the home of the brave?

ALMA MATER

Stand firm, O Alma Mater,
Through all the years to come;
In days of youth and beauty
Thy halls have been our home.
In time of preparation
Great lessons didst thou teach
Til now, O Alma Mater,
The stars we'll strive to reach.

Commencement Directed by:	David A. Collins Director of Commencement
Commencement Ushers:	Members of the Memphis State University Ambassador Board
Pronouncers:	Dr. John P. Bakke, Department of Theatre and Communication Arts Dr. William G. Crump, Department of Admissions and Records
Academic Marshals:	Dr. E. O. George, College of Arts and Sciences Dr. David J. Giacopassi, College of Arts and Sciences Dr. Dwight B. Means, Jr., Fogelman College of Business and Economics Dr. Binford Peeples, Fogelman College of Business and Economics Mr. Roger S. Langdon, College of Communication and Fine Arts Dr. Russell O. Pugh, College of Communication and Fine Arts Dr. Amy P. Dietrich, College of Education Dr. Robert C. Kleinsasser, College of Education Dr. Martin E. Lipinski, Herff College of Engineering Dr. Orville E. Wheeler, Herff College of Engineering Dr. Lucindia H. Chance, The University College Dr. Daniel S. Beasley, The Graduate School

PS 5/91-1732
Memphis State University
is an Equal Opportunity/Affirmative Action University.
It is committed to education of a non-racially identifiable student body.

Arts and Sciences

Business and Economics

Communication and Fine Arts

Education

Engineering

University Banners

anners representing Memphis State's nine colleges and schools were rled for the first time at the 1989 spring convocation of the 77th mencement. The banners, which feature symbolic images, add to the eantry of official University ceremonies.

he background hue of each banner corresponds to the color used for that t's academic regalia hoods and sleeve chevrons. Beneath the wide blue band crowning each ensign are stripes indicating disciplines within the division. A gold laurel wreath encircles each emblem.

The concept and final production of the banners was a joint effort among Memphis State President Thomas G. Carpenter; David A. Collins, assistant to the vice president, Student Educational Services; Jim Cloud, Art Services director; and the MSU academic deans. *Photos by MSU Photo Services*

Nursing

University College

Graduate School

Law